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NEWPORT EDUCATION COMMITTEE

Medical Inspection of School Children

FORTY-SEVENTH

ANNUAL REPORT

FOR THE

YEAR ENDED 31st DECEMBER, 1954

BY

W. B. CLARK, M.B., Ch.B., D.P.H.

PRINCIPAL SCHOOL MEDICAL OFFICER.



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Miss O. EVANS.

Rev. G. L. SCOTT, B.A.

MEDICAL STAFF

Principal School Medical Officer:

David Edward Lawrence, B.A., B.Sc., M.R.C.S., L.R.C.P., D.P.H. (retired 6.12.54).
William Burns Clark, M.B., Ch.B., D.P.H., (from 7.12.54.).

Deputy Principal School Medical Officer:

William Burns Clark, M.B., Ch.B., D.P.H. (to 6.12.54.).

Senior School Medical Officer:

Irene T. J. Ruxton, M.B., Ch.B., D.P.H.

School Medical Officers:

Richard Roderick, M.R.C.S., L.R.C.P., C.P.H.
Richard Morgan Brown, M.B., Ch.B.

Principal Dental Officer:

William Gordon Clarkson, L.D.S., R.C.S.

Dental Officers:

Mary K. E. Owen Williams, L.D.S.
Mary Patricia O'Connor, L.D.S. (resigned 9.9.54.).
Harold Edward Edney, L.D.S.
Barbara Elizabeth Edden White, L.D.S. (commenced 1.11.54.).

Senior School Nurse:

Gladys M. Hoddinott.

School Nurses:

Cecile M. Boucher, Norah Sheahan, Blodwen A. Blomley, Nellie Weeks.
Rosina Prosser. Edna M. Bowman. Hilda M. Young.

Speech Therapist:

Lilleth M. Davies, L.C.S.T. (resigned 31.8.54).
Margaret E. Harris, L.C.S.T. (commenced 1.9.54).

Audiometrician:

Lawrence A. Brooks, M.S.A.T.

Dental Attendants:

Marion A. Forster. Nancy Champion (resigned 14.8.54). Muriel V. Lockie (resigned 20.8.54).
Doreen L. F. Webb (commenced 18.1.54). Ann Davies (commenced 30.8.54).
Olwen Pamela Brodie (commenced 13.9.54).

Senior Clerk:

Douglas Trowbridge.

Clerks:

Ronald Cockram (resigned 14.10.54). Winifred S. Weare. Ronald Lewis. Anne P. Perry
Varina H. Ferris (resigned 12.11.54). Mary M. Moore.
Margaret Weaver (commenced 13.12.54). Jane Marsh (commenced 17.11.54).

Visiting Specialists:

Ear, Nose and Throat Surgeons: D. B. Sutton, M.B., B.S., F.R.C.S., D.L.O.
J. L. D. Williams, M.B. Ch.B., F.R.C.S.

Ophthalmic Surgeon: F. W. Robertson, M.A., M.D., D.O.M.S.

Orthoptist: Stella M. Potter, D.B.O. (resigned 20.11.54).

ANNUAL REPORT

To the Chairman and Members of the Education Committee.

MR. CHAIRMAN, LADIES AND GENTLEMAN,

I beg to submit the forty-seventh Annual Report of the Principal School Medical Officer for the year ended 31st December, 1954.

CHANGES IN STAFF

Dr. D. E. Lawrence who had been connected with the School Health Service since March, 1925, and the past six years in the capacity of Principal School Medical Officer, retired on 6th December. His work in the School Health Service over such a long period is gratefully acknowledged.

Miss M. P. O'Connor, Dental Officer, resigned on 9th September to take up another appointment. Miss B. E. E. White was appointed to replace Miss O'Connor and commenced on 1st November.

Miss L. M. Davies, Speech Therapist, resigned on 31st August and Mrs. M. E. Harris was appointed and commenced on 1st September.

The Regional Hospital Board appointed Miss S. Lonnon as Orthoptist in place of Miss S. M. Potter who resigned on 20th November to take up another appointment. Miss Lonnon will commence on 10th January, 1955.

Meanwhile, the School Health Service continues to function satisfactorily and every endeavour is made to correlate the service with that of all Practitioners and the Specialist Services of the Regional Hospital Board.

The close liason which has developed between Dr. T. A. Brand, the Paediatrician of the Royal Gwent Hospital, and the School Health Service has been of great value, especially in the cases of handicapped pupils and I especially acknowledge with grateful thanks his work on behalf of the school children.

SCHOOL CLINICS.

<i>Special Inspection Clinic.</i>	School Clinic. 26 Clytha Park Road.	Mornings: Monday to Saturday (inclusive). Afternoons: Monday to Friday (inclusive).
<i>Minor Ailment Clinic.</i>	„ „	Mornings: Monday to Saturday (inclusive). Afternoons: Monday to Friday (inclusive).
<i>Ophthalmic Clinic (Refractions)</i>	„ „	Mornings: Monday, Thursday and Saturday (2nd and 4th Tuesday). Afternoons: Monday.
<i>Immunisation Clinic.</i>	„ „	Mornings: Saturday and by appointment.
<i>Scheme for the Prevention of Deafness Clinic.</i>	„ „	Mornings: 1st and 3rd Tuesday. 2nd, 4th and 5th Friday.
<i>Speech Therapy Clinic.</i>	„ „	Mornings: Monday to Saturday (inclusive). Afternoons: Monday to Friday (inclusive).
<i>Orthoptic Clinic.</i>	„ „	Mornings: Monday, Tuesday, Wednesday, Thursday. Afternoons: Monday, Tuesday, Wednesday, Thursday and Friday.
<i>Orthopaedic Clinic.</i>	Maternity & Child Welfare Clinic, 27 Clytha Park Road.	
<i>(Examination)</i>	„ „	Mornings: Monday, Wednesday and Friday.
<i>(Massage, Exercises etc.)</i>	„ „	Mornings: Saturday. Afternoons: Monday to Friday (inclusive).
<i>Ultra Violet Ray Clinic.</i>	„ „	Mornings: Monday and Friday. Afternoons: Monday and Friday.

The Ophthalmic Specialist attends on 150 sessions per annum.

The Aural Specialists attend on 44 sessions per annum.

THE SCHOOL HEALTH SERVICE IN RELATION TO MAINTAINED PRIMARY AND SECONDARY SCHOOLS (INCLUDING SPECIAL SCHOOLS).

Medical Inspection.

The arrangements for carrying out Medical Inspection at the Schools have been described in previous reports.

The following groups of primary and secondary pupils were examined during the year:—

A. Periodic Medical Inspections.

Number of Inspections in the Prescribed Groups:—

Entrants	...	...	1,729
Second Age Group	...	...	1,685
Third Age Group	...	...	1,192

Total	...	4,606
Number of other Periodic Inspections	...	159

Grand Total	...	4,765
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B. Other Inspections.

Number of Special Inspections	...	12,989
Number of Re-Inspections	...	3,637

Total	...	16,626
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FINDINGS OF MEDICAL INSPECTION.

General Condition.

Of the 4,765 pupils examined at the routine inspections, 37 were found to be of poor general condition.

Uncleanliness.

Regular visits were paid to all Primary Schools and Secondary Schools during the year, the average number being three per school.

34,255 examinations of boys and girls were made at schools and 1,076 children were found to have unclean heads. 226 had vermin and 850 nits only. In addition 493 follow up examinations were made at the School Clinic.

The prevalence of Scabies has again been low, only 14 cases being recorded.

Minor Ailments and Diseases of Skin.

The total number of minor ailments and diseases of the skin dealt with during the year was 1,440. These were composed of the following: Minor Ailments, 566; Ringworm of Scalp, 0; Ringworm of Body, 5; Scabies, 14; Impetigo, 52; other Skin Diseases, 803.

By arrangement with Dr. Bernard Thomas, Dermatologist, at the Royal Gwent Hospital all cases of ringworm of scalp brought to our notice are referred for opinion and treatment to the skin department at the Hospital. Such cases are excluded from or allowed to attend school at the discretion of the Specialist who informs the School Clinic as cases arise.

Although no case of ringworm of scalp was seen at the School Clinic, two cases of school pupils were reported by Dr. Thomas to have attended the Hospital for this condition during the year.

Visual Defects and External Eye Diseases.

There were 1,762 cases of defective vision, 421 of whom had squint. 537 of the total were found during routine examinations at the schools. The remainder were cases referred to the Clinic or followed up from previous years.

Arrangements were made for a School Nurse to examine at schools, children of age 8—9 years for defective vision. During the year 11 schools were visited and 595 children were examined, and it was found necessary to refer 32 children to the School Clinic for examination by the Ophthalmic Surgeon.

There were 218 cases of external eye diseases. These were made up as follows: Blepharitis, 44; Conjunctivitis, 78; Keratitis, —; Corneal Opacities,—; other Eye Conditions, 96.

Nose and Throat Defects.

The total number of defects of Nose and Throat dealt with was 1,928. There were 244 cases of Chronic Consillitis only, 4 of Adenoids only, 1,229 of Chronic Tonsillitis and Adenoids, and 451 other conditions.

Ear Diseases and Defective Hearing.

The total number of cases of ear disease and defective hearing dealt with was 782. These comprised 295 cases of defective hearing, 163 of Otitis Media, and 324 other conditions.

Dental Defects.

Forty-one Schools involving 47 departments were visited during the year by the Dentists for Inspection purposes.

13,303 routine cases and 3,510 special were examined; 12,655 of these were found to require treatment.

Sixty-nine half-days were devoted to inspection and 1,565 half-days to treatment.

11,000 attendances were made by the pupils at the treatment centre at the Clinic.

Orthopaedic and Postural Defects.

There were 879 cases of Orthopaedic and Postural Defects dealt with during the year.

The following list gives the number of pupils dealt with at the Orthopaedic Clinic.

	Nursery Schools			Primary Schools			Secondary Schools		
	B.	G.	Total	B.	G.	Total	B.	G.	Total
Infantile Paralysis ...	—	—	—	5	2	7	1	1	2
Infantile Hemiplegia ...	—	—	—	—	1	1	—	1	1
Erbs Paralysis ...	—	—	—	1	2	3	—	—	—
Spastics ...	—	—	—	1	2	3	1	1	2
Spinal Curvature ...	—	—	—	2	10	12	4	12	16
Perthe's Disease ...	—	—	—	1	1	2	—	—	—
Torticollis ...	—	—	—	—	—	—	—	1	1
Spina Bifida ...	—	—	—	—	—	—	—	1	1
Rickets (Bow Legs) ...	—	—	—	—	—	—	—	1	1
Flat Feet ...	4	1	5	61	36	97	28	57	85
Calcaneo Valgus ...	3	—	3	105	87	192	31	37	68
Pes Cavus ...	—	—	—	8	14	22	6	8	14
Talipes Equino Varus ...	—	—	—	3	1	4	2	—	2
Hallux Valgus, Hallux Rigidus ...	—	—	—	1	4	5	3	19	22
Hammer Toe ...	—	—	—	20	13	33	3	6	9
Knock Knees ...	5	—	5	31	30	61	3	3	6
Congenital Dislocation of Hip ...	—	—	—	—	5	5	—	2	2
Metatarsus Varus ...	1	—	1	7	11	18	—	4	4
Schlatter's Disease ...	—	—	—	—	—	—	—	1	1
Other Conditions ...	1	2	3	61	51	112	18	30	48
	14	3	17	307	270	577	100	185	285

1,797 attendances were made by these pupils at the Orthopaedic Clinic.

In addition 13 pupils attending private schools, were seen at the Orthopaedic Clinic and 36 attendances were made by these pupils.

My continued thanks are due to Dr. Laird for her willing co-operation.

Heart Condition and Circulation.

During the medical inspections, 77 cases of heart conditions came under observation, 31 being classified as Organic and 46 as Functional. There were no cases of Anaemia recorded.

Other Defects and Diseases.

977 cases came under observation during the year. They comprised the following: Diseases of the Alimentary tract, such as Stomatitis, Gastritis, Enteritis, Appendicitis, etc.; Diseases of the Genito-Urinary Organs, such as Nephritis, Cystitis, Eneuresis, etc.; Infectious Diseases, Major Injuries, Rheumatism, etc.

Following up and After Care.

1,151 visits to homes of maintained Primary School pupils and 720 to homes of maintained Secondary School pupils were made in connection with after care.

TREATMENT.

Uncleanliness.

There is a Cleansing Station at the Clinic, and this was utilised in 27 cases. In addition, 28 pupils were treated by Liquid Derbac at Schools.

It was found possible to obtain the desired results in the remainder of the cases from treatment at home.

Minor Ailments and Diseases of the Skin.

The total number of minor ailments and diseases of the skin treated during the year was 1,413, of which 1,345 received treatment at the Clinic and 68 elsewhere. These were made up as follows:—

	Treated Clinic	Treated elsewhere
Minor Ailments	566	—
Ringworm of Scalp	—	—
Ringworm of Body	4	1
Scabies	14	—
Impetigo	50	2
Other Skin Diseases	711	65

The total attendances for treatment made by pupils from maintained Primary and maintained Secondary Schools was 13,692.

Visual Defects and External Eye Diseases.

Mr. F. W. Robertson, the Ophthalmic Surgeon, who was appointed by the Education Committee for this work in 1932, held 150 sessions during the year and appended is his report.

During the year 1,575 cases were examined for defective vision, and 1,589 attendances were made, making an average of 10 cases per session.

The following are the details of the cases with defective vision.—

	No. of Cases	Myopia	Myopic Astigmatism	Hypermetropia	Hypermetropic Astigmatism	Mixed Astigmatism	Anisometropia	No Refractive Error or Error not sufficient for correction
Maintained Primary	749	50	76	118	359	32	4	110
Maintained Secondary	668	87	197	48	230	39	8	59
Nursery	8	—	—	3	5	—	—	—
M. & C. W. Dept.	118	—	4	42	56	2	—	14
St. John's Day Special School	17	—	3	1	13	—	—	—
Occupation Centre	—	—	—	—	—	—	—	—
Other Schools	15	3	3	4	3	—	—	2
Totals	1,575	140	283	216	666	73	12	185
		26.8%		56.0%		4.6%	.7%	11.7%

The following abnormal conditions were reported:—

Squint—Divergent	10	Diplopia	1
Alternating	52	Absence of Left Eye	1
Convergent	248	Chronic Blepharitis	4
Epicanthus	10	Ptosis	3
Coloboma Iridis	1	Corneal Leucomata	5
Cataract	8	Optic Atrophy	1
Nystagmus	2	Posterior Lenticonus	1
Congenital Retinopathy	1	Central Choroiditis	1

Thirteen sessions were given to operative treatment and 41 operations were performed during the year at St. Woolos Hospital.

There were 423 cases of myopia and myopic astigmatism.

7 had a total error of over 2 dioptres.
 53 had a total error of between 5 and 10 dioptres.
 187 had a total error of between 2 and 5 dioptres.
 176 had a total error of between 0 and 2 dioptres.

As far as possible all myopes are re-examined at 12 monthly intervals, and special attention paid to those cases which show a definite tendency to increase. Cases with over 10 dioptres and progressing are advised re special training.

There were 882 cases of hypermetropia and hypermetropic astigmatism.

2 had a total error of over 10 dioptres.
 151 had a total error of between 5 and 10 dioptres.
 355 had a total error of between 2 and 5 dioptres.
 374 had a total error of between 0 and 2 dioptres.

There were 73 cases of mixed astigmatism.

5 had a total error of between 5 and 10 dioptries.
51 had a total error of between 2 and 5 dioptries.
17 had a total error of between 0 and 2 dioptries.

There were 12 cases of anisometropia.

— had a total error of between 5 and 10 dioptries.
7 had a total error of between 2 and 5 dioptries.
5 had a total error of between 0 and 2 dioptries.

198 cases of external eye diseases were treated at the Clinic and 17 elsewhere.

Orthoptic Treatment.

Miss Potter, who was appointed by the Regional Hospital Board on 10th August, 1953, resigned on 20th November, 1954. She worked under the direction of the Ophthalmic Surgeon and gave nine sessions per week at the School Clinic, the remaining two sessions being allocated to the Royal Gwent Hospital. During the period 1st January to 20 November, Miss Potter held 365 sessions and dealt with 330 children. The following is her report:—

Children receiving regular treatment	...	...	65
Children who began treatment and have left the town	...	...	12
Children who have received initial treatment and are now resting	...	...	132
Children under school age and being kept under observation until of a suitable age when treatment can be carried out	...	...	58
Children awaiting operation	...	...	26
Children unsuitable for treatment	...	...	—
Children recommended for investigation and not retained for treatment	...	...	34
Children Cured	...	...	3
Total			330

The total attendances made from 1st January to 20th November ... 2,124

Nose and Throat Defects.

657 cases were operated on during the year for Tonsils and Adenoids as compared with 672 during the previous year. The sources from which they came were as follows:—

	Boys	Girls	Total
Maintained Primary Schools	285	307	592
Maintained Secondary Schools	2	9	11
St. John's Day Special School	—	—	—
Nursery Schools	6	3	9
Maternity and Child Welfare Dept.	25	17	42
Occupation Centre for Mental Defectives	1	—	1
Other Schools	2	—	2

The operations were performed at St. Woolos Hospital by Mr. Sutton, the Ear, Nose and Throat Surgeon.

In addition 54 cases were treated other than through the Education Committee's arrangements.

At the end of the year 1954, the waiting list for operations for the removal of Tonsils and Adenoids was 77 and there were 535 cases on the observation list.

Ear Diseases and Defective Hearing.

503 cases of ear diseases and defective hearing were treated at the Clinic and 59 elsewhere.

Aural Clinic

This Aural Clinic is held for the purpose of treating chronic ear conditions with a view to the prevention of deafness and 45 sessions were held by Mr. D. B. Sutton and Mr. J. L. D. Williams, the Aural Surgeons, during the year under review.

392 children were examined and the sources from which they came are as follows: Maintained Primary Schools, 284; Maintained Secondary Schools, 97; St. John's Day Special School, 2; Nursery Schools, 2. Maternity and Child Welfare Dept., 6; Special Schools, 0; Private Schools, 1.

The total number of attendances made at the Clinics by these children was 797 and in addition 2 special cases were examined.

The defects included acute and chronic otitis media, suppurative and catarrhal, and deafness, and were dealt with as recommended by the Aural Surgeons.

In addition to the above the Aural Surgeons also examined 9 children for tonsillectomy as to necessity and urgency in respect of operative treatment.

Ascertainment of Defective Hearing.

The Audiometrician visited schools and tested by gramophone audiometer 2,511 children. Of these 172 were found to have some defect of hearing and were then referred to the Deputy Principal School Medical Officer for further examination and dealt with in accordance with his recommendations.

(1) AMOUNT OF DEFECTIVE HEARING FOUND

Total children tested in school	...	...	...	2,511
Number failing test (after two attempts)	...	...	...	172

(2) DEGREE OF HEARING LOSS

Severe	...	...	23
Moderate	...	...	63
Slight	...	...	86
Total	...	...	172

(3) ANALYSIS OF CAUSES

Wax	...	...	...	...	...	53
Imperfect Drum	...	...	...	...	...	56
Otorrhoea	...	...	...	...	...	4
T. & A's.	...	...	...	...	...	3
Nil abnormal diagnosed	...	...	...	...	...	44
Miscellaneous causes	...	...	...	...	...	5
Not yet classified for various reasons	...	...	...	...	...	7
Total	...	...	...	...	...	172

NOTE.—Where more than one condition has been found in one case, the one likely to give the greater deafness is included.

(4) ACTION TAKEN ON FAILURES OF TEST

A. Recommended removal of wax	...	...	61
B. Referred to Aural Clinic	...	...	60
C. Placed on list for T. & A. operation	...	...	5
D. For Observation only	...	...	7
E. Retested individually and passed test	...	...	32
F. No action possible (absent, left school, refusals, treated elsewhere, etc.)	...	...	8
G. Not yet examined	...	...	—
H. Awaiting individual retest	...	...	9

In addition to the above, recommendations were made in 91 cases for favourable placing in the classroom to assist hearing. This includes those tested in schools, and at the School Clinic.

(5) TESTING IN SCHOOL CLINIC

Total number of "Specials" tested	...	...	659
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Orthopaedic and Postural Defects.

During the year 8 Maintained Primary School pupils and 2 Maintained Secondary School pupils received operative treatment at the Prince of Wales Orthopaedic Hospital, Cardiff, and 1 Maintained Secondary School pupil at St. Lawrence Hospital, Chepstow, and 468 pupils were given massage or fitted with appliances, etc., at the Orthopaedic Clinic at the Maternity and Child Welfare Department.

1,920 attendances were made by the pupils at the Orthopaedic Clinic for massage and exercises.

Heart Conditions.

This type of case is usually referred to the private practitioner for the appropriate treatment, and where necessary recommendations are made for admission to special residential schools, especially in rheumatic cases, after consultation with the own doctor.

Tuberculosis.

Excellent co-operation is still maintained with the local Chest Physicians to whom suspected cases are referred at the Chest Clinic.

Annual School Dental Report for Year 1954.

In presenting the Annual Report for the year 1954—the figures as supplied to the Ministry of Education being seen in Table V—it will be noticed that there have been changes in the staff. However, despite this, progress has been made, more children have received a dental examination at school, and an Orthodontic Service has been started at the Clinic.

STAFF.

One of the Dental Officers resigned to take another post and two of the attendants left. Complete replacements were made as will be seen at the beginning of Report.

INSPECTIONS.

The total number of children inspected during the year was 16,513, an increase of 3,125 over the previous year.

Children inspected are divided into 2 groups.

- (a) Those receiving periodic inspections in school, and
- (b) Those having a special examination at the Clinic.

(a) PERIODIC INSPECTIONS.

During the year 41 schools involving 47 departments were visited for a routine dental inspection when a total of 13,303 children were examined. This represents a dental inspection of 81.2% of the school population and compares very favourably with an inspection of 63.8% for the previous year.

Of the 13,303 inspected in schools 7,828 or 60.2% were referred to the Clinic for treatment.

(b) SPECIAL INSPECTIONS.

The total number of children referred by parents, teachers, doctors and nurses for special inspection at the Clinic was 3,510 which is an increase of 336 on the previous year. Under this group come children due to have Tonsils and Adenoids operations, since all must be made dentally fit for operation.

TREATMENT.

A total of 1,565 sessions were devoted to treatment at the Clinic, when 11,000 attendances were made by 6,915 school children.

The total number of teeth extracted was 11,720, 2,103 permanent and 9,617 temporary teeth. This is an increase on last year's figures of 1,592 teeth extracted—mainly temporary teeth—and is due to a greater proportion of children attending infant schools receiving a dental inspection.

Proportionately there is a reduction in the number of fillings found on inspection and treated. This year 4,158 permanent and 26 temporary fillings were inserted.

For the purpose of extraction of teeth 5,850 general anaesthetics were administered, 261 sessions being devoted for this purpose.

ARTIFICIAL DENTURES AND ORTHODONTIC TREATMENT.

During the year 41 dentures, involving 64 teeth, were inserted to replace front teeth lost by accident or decay. This is an increase on last year of 9 dentures.

To supply a great need a start was made in the latter half of the year to give orthodontic treatment, other than by judicious extraction of teeth as done formerly and still carried out, by means of removable appliances. During this period 6 such appliances were inserted.

By this means it is hoped to correct many simple irregularities of the teeth and thus improve the appearance and efficiency of the mouths of children so affected. This form of treatment having been so much in demand has already necessitated forming a waiting list of names, otherwise it would seriously encroach on the time required for the other forms of treatment.

DENTAL CARIES

Previous to the last war no figures were available for comparison to indicate the state of the teeth of school children. The Ministry of Education with a view to rectifying this for the future suggested an annual survey with special reference to the 5 year old children. As in previous years this special examination was given to a group of 5 year olds in Newport Schools.

Out of the 545 children examined this year only 88 were found to be free from dental caries, and the total number of decayed, filled and missing teeth (extracted) was 2,368. This represents only 16.1% of the 5 year olds free from dental caries, and gives an average figure of 4.3 teeth per child examined showing the presence of decay, teeth already filled or missing.

For comparison the figures are tabled to show this and last year's and the figures for the year 1950, when the survey was started in Newport.

Year	5 year old children examined	Percentage of children with no decay	Average number of decayed, filled or missing teeth per child
1950	518	22.3%	3.9
1953	509	17.2%	4.2
1954	545	16.1%	4.3

The above figures make unpleasant reading in that they indicate the teeth of the 5 year old children of Newport are more liable to dental decay than formerly.

The Ministry of Education who received figures from various parts of the country will no doubt be giving a report on this subject in their publication "The Health of the School Child," and it will be of interest to read their findings and comments, and see how the figures for Newport compare with the rest of the country.

In the latter part of the year, as part of dental health propaganda, one of the Dental Officers attended the Odeon Cinema in Newport on a Saturday morning to give a short talk to the children on the "Care of Teeth" following the showing of a dental health film.

DENTAL X-RAYS.

As in former years where it was found necessary to have an x-ray picture taken of the teeth and associated parts, patients were referred to the local Hospital. As however, a film is not allowed to leave the Hospital, but only a report on the conditions found, this arrangement is not very satisfactory. Many conditions are such that subsequent treatment can only be carried out with the film on view at time of the operation.

In conclusion grateful thanks are again extended to all members of the teaching, medical and dental staffs for their help and co-operation during the year.

W. G. CLARKSON,

Principal School Dental Officer.

Speech Therapy.

Miss L. M. Davies, who was appointed Speech Therapist on 1st September, 1951, resigned on 31.8.54. Mrs. M. E. Harris was appointed to fill the vacancy and commenced on 1.9.54, and she has submitted the following report.

At the beginning of the year 118 children were attending for treatment. During the year 122 new cases were examined, and 113 taken on for treatment. The classification of the 231 cases is as follows:—

Dyslalic	...	...	...	...	...	154
Stammer	...	...	...	...	...	53
Retarded Speech	...	...	...	...	...	2
Interdental Sigmatisim	...	...	...	...	...	4
Lateral Sigmatisim	...	...	...	...	...	12
Hyperrhinophonia	...	...	...	...	...	3
Stammer and Dyslalia	...	...	...	...	...	2
Lip Reading	...	...	...	...	...	1
						231

During the year 103 children were discharged:—

Attained normal speech	...	...	...	...	37
Improved as far as nature of case would allow	...	...	...	...	2
Non-Attendance	...	...	...	...	24
Treatment discontinued at parents request	...	...	...	...	20
Left School prior to completion of treatment	...	...	...	...	10
Left district prior to completion of treatment	...	...	...	...	9
Rec. for Special School for Speech Defects	...	...	...	...	1
					103

At the end of the year 128 children were attending for treatment. The progress report on these children is as follows:—

Greatly improved	...	...	...	...	...	40
Improved	...	...	...	...	...	31
Improved slightly	...	...	...	...	...	25
Too early to report	...	...	...	...	...	20
No improvement	...	...	...	...	...	12
						128

Artificial Light.

This form of treatment has been carried out as in the past years at the Maternity and Child Welfare Department, and I have to thank Dr. Curran for the information from which the following table has been completed.

Condition for which treated.	No. treated	Average period of treatment wks.	Maximum period of treatment wks.	Minimum period of treatment wks.	Average number of doses	Maximum number of doses	Minimum number of doses	Average strength of dose mins.	Maximum strength of dose mins.	Minimum strength of dose mins.
Debility and Nervous Debility	84	8½	25½	½	17	51	1	3.2	4	1¼
Frequent Colds	16	8	17	2½	16	34	5	3.3	4	1½
Recurrent Tonsillitis	5	7½	10½	4	15	21	8	3.1	4	1½
Asthma	1	8½	8½	8½	17	17	17	3.1	4	1½
Recurrent Bronchitis	9	11½	26	3½	23	52	7	3.0	4	1¼
Rheumatism	2	6½	12	1½	13	24	3	3.2	4	1½
Cervical Adenitis	4	11½	14	10	23	28	20	3.0	4	1¼
Other Conditions	7	7½	23½	½	15	47	1	3.1	4	1¼
128		—	—	—	—	—	—	—	—	—

The number of pupils treated was 128, and 2,301 attendances were made for treatment. The pupils were treated by the Hanovia Sunlight Lamp (Maximum dosage 4 minutes).

Analysis of the case records reveal the following facts:—

	No. of cases	Improvement in General Health.		
		Improved	Slightly Improved	No change
Debility and Nervous Debility	84	53	14	17
Frequent Colds	16	11	2	3
Recurrent Tonsillitis	5	3	1	1
Asthma	1	—	1	—
Recurrent Bronchitis	9	7	2	—
Rheumatism	2	1	—	1
Cervical Adenitis	4	2	2	—
Other Conditions	7	4	1	2
128		81	23	24

Infectious Diseases.

The total number of cases of infectious disease occurring among school pupils was 780 made up as follows; Scarlet Fever 96, Diphtheria 0, Measles 12, German Measles 14, Whooping Cough 190, Chicken Pox 366, Mumps 100, Poliomyelitis 2.

Diphtheria immunisations during the year totalled 163, and in addition 1,080 pupils received boosting doses.

Open Air Classes.

These classes were held for the thirty-fifth year in succession.

At St. Julian's Primary School there was an average of 36 on the register and an average of 30 was maintained through the year.

The Tredegar Park Open Air Class opened on the 14th June with 22 pupils and closed on 1st October. There was an average of 26 on the register and an average attendance of 22 was maintained.

The mid-day meals for the classes were provided by the School Meals Service from School Canteens.

Physical Education.

The following is an abridged joint report on Physical Education for the year 1954 by Miss M. Delhanty and Mr. R. H. Diaper.

Physical Education Report 1954.

In many ways 1954 has been a progressive year both in respect of the provision of equipment and developing interest of teachers and children in physical education.

Additional apparatus including portable climbing apparatus has been supplied to schools by the Education Committee and it is hoped that by next year every school will possess some form of large equipment. This together with the light equipment provides a complete range of challenges to the children exercising all main muscle groups, maintaining joint mobility, developing initiative and co-ordination and so helps to develop a physically harmonious being.

The heaving frames are particularly important for strengthening the arms, shoulder girdle and dorsal region. They provide opportunities for lateral abdominal movements and above all for stretching the spine.

External store sheds which have been erected in school playgrounds will be very valuable in assisting the organisation and use of apparatus.

It is pleasing to see that more children are wearing gymnastic shoes for their activity lessons and that a greater attempt is being made by parents to provide these. Children are being trained to be more foot conscious and more appreciative of freedom of movement. This progressive attitude towards changing into suitable clothing has been developed further in that some schools have made considerable effort to make attractive uniform for school girls teams.

Courses and additional instructional classes for teachers and pupils have been arranged during the year. In addition the Education Committee have assisted teachers who have attended courses organised by external bodies.

One teacher has gained entrance to a Physical Education College to complete a third year specialist training.

The courses organised by the Education Committee have included instruction in the coaching of athletics and tennis under the direction of Mr. J. Alford, Welsh A.A.A. Coach and Mr. D. Hughes, Tennis Coach C.C.P.R.

In November a course on the teaching and umpiring of netball was arranged.

Instructional films on swimming and movement training were shown to groups of teachers and throughout the year demonstration lessons in physical education have been arranged in schools.

This is indicative of the interest of teachers in physical education and subsequently of progressive teaching methods.

SWIMMING.

Excellent progress has been achieved in this sphere of physical education particularly in respect of the number of children who have been taught to swim. Although it is pleasing to note successes in the field of competition the main aim has been to encourage a love of swimming as a means of personal enjoyment. However, viewing the sport from a more practical side it is satisfying to have seen such progress made in the number of Royal Life Saving Society awards gained.

Despite the restriction of primary schools' swimming to the summer months the standard of swimming has remained high. A new scheme has been proposed for swimming instruction in primary schools and is expected to come into operation during the summer term of 1955. The basis of the scheme is that children in the primary schools should attend the baths for fifteen consecutive half hour sessions over a period of three weeks and it is hoped that this scheme will produce an even greater number of swimmers than in previous years, but with less interference with the school's administration.

A summary of certificates gained during the past three years is given below as a means of comparison and to enable assessment of progress over the past three years.

	1952			1953			1954		
	Primary Schools	Secondary Schools	Total	Primary Schools	Secondary Schools	Total	Primary Schools	Secondary Schools	Total
25 yds. Free Style ...	278	237	515	386	423	809	421	396	817
25 yds. Back Stroke	123	183	306	144	257	401	218	299	517
50 yds. Breast Stroke	123	203	326	168	291	459	253	316	569
440 yds. Free Style	101	154	255	97	260	357	154	267	421
Gen. Proficiency ...	63	137	200	65	194	259	80	171	251
75 yds. + 75 yds. ...	48	127	175	66	189	255	95	215	310
Diving ...	10	68	78	19	35	54	5	83	88
Speed ...	1	60	61	10	89	99	13	130	143
50 yds. + 50 yds. ...	18	95	113	12	47	59	21	78	99
Style ...	—	22	22	3	13	16	4	36	40
Badge of Merit ...	—	62	62	1	41	42	1	73	74
Schools' totals ...	765	1,348		971	1,839		1,265	2,064	
Totals for the year...			2,113			2,810			3,329

ROYAL LIFE SAVING SOCIETY AWARDS.

Life Saving examinations were conducted each term and the following number of awards were gained:—

Girls	...	...	373	}	Total	...	963
Boys	...	...	590				

This compares most favourably with previous years shown below:—

			1952	1953	1954
Girls	...	...	302	356	373
Boys	...	...	753	556	590
Total	...	...	<u>1,055</u>	<u>912</u>	<u>963</u>

In competition with South Wales Schools two trophies were awarded to Newport Schools for gaining the highest number of points for life saving as below:—

Stow Hill Secondary School for Girls
Stow Hill Secondary School for Boys

COMPETITIVE SWIMMING

Many primary and secondary schools held swimming galas during the summer term and more encouraging than the high standard of swimming produced, was the improved number of entries for most events.

The primary schools held their annual swimming gala in June, whilst the secondary schools as in the previous years held their event in October.

A representative team of 42 swimmers, 15 girls and 27 boys travelled to Cheltenham in July to compete in the ninth Annual Inter-Cities Swimming Gala and against strong opposition was placed third.

In September Newport and Cardiff schools held combined trials at Newport for the purpose of submitting swimmers' names for inclusion in the divisional team to compete in the English Schools Championships held at Lancaster in October. As a result of the time trials 2 boys and 1 girl from Newport were selected.

GAMES REPORTS.

Bad weather affecting pitches has seriously hampered winter games but in spite of difficulties good results have been obtained.

HOCKEY

Unfortunately little progress is being made with hockey as this field game more than all others depends upon the pitch being in a satisfactory condition. The weather during the hockey season was very bad and as a result the rally and most school matches were cancelled.

NETBALL

A high standard is being maintained in the Secondary Grammar Schools—all schools partaking in inter-school matches. Town teams were selected in October to represent Newport at a South Wales Rally held in Llanelly. As a result of the Rally five Newport players were selected to play for South Wales.

The Secondary Schools VII and reserves attended weekly coaching sessions and additional inter-area matches are being arranged.

TENNIS

It is pleasing to note that more Secondary Schools are teaching tennis as a major summer game—the particular value being that it provides opportunities for girls and boys to enjoy tennis as a social recreative activity.

ROUNDERS

Rounders was taught in all Secondary Girls' Schools and inter-school matches were played.

ASSOCIATION FOOTBALL

A total of thirty schools (ten secondary schools and twenty primary schools) were affiliated to the Newport and District Schools' Football Association.

Following a full season of inter-school matches played on Saturday mornings three cup competitions were held with the following results:—

Secondary Schools A (under 15): Father Hill Secondary School.
Secondary Schools B (under 13): Brynglas and St. Andrew's Secondary Schools (Joint holders).
Primary Schools: St. Andrew's Junior School.

Sixteen inter-town matches were played and for the season 1953-54, the Town Junior Team became joint holders with Cardiff of the Yeoman Trophy.

RUGBY FOOTBALL

The weather conditions seriously curtailed the activities of the Schools' Rugby Union. Inter-school and inter-team games were played on a friendly basis and generally the standard of play was most satisfactory. In particular the Newport Schools' team's first fixture with the Middlesex Schools' team at Newport proved to be most successful.

Several Newport boys were selected to represent Monmouthshire and two were further selected to appear in the Welsh Schoolboys' international trials.

CRICKET

During the year twenty primary schools and eleven secondary schools took part in the Newport Schools' Cricket Association's programme of friendly matches on Saturday mornings, all except two schools playing their matches on the public parks.

A serious lack of playing pitches precludes the formation of a Secondary Schools' "B" section. It is hoped that in the near future, grounds at three post war schools will be ready for use and will permit an expansion of the Cricket Association's programme.

Eleven boys qualified for Town badges.

BASEBALL

A total of twenty schools took part in the various competitions and activities organised by the Newport Schools Baseball Association. Despite having to abandon a large number of matches as a result of weather conditions the two Cup competitions were completed with the following results:—

The Fussell Cup (Secondary Schools) won by Father Hill Secondary School.

The Peter Freeman Cup (Primary Schools) won by Malpas Church-in-Wales School.

Two inter-town fixtures were arranged with Cardiff Senior Schoolboys, each team winning its home match with the result that the Coronation Cup was retained by Cardiff.

A Junior fixture played with Cardiff was lost.

ATHLETICS

Primary Schools

Following the organisation of each school's own Sports Meeting, the Primary Schools' Sports Association held its Annual Sports Meeting at the Newport Athletic grounds on the evening of 19th July and the afternoon 20th July, at which the primary schools were well represented by 900 boys and girls whose ages ranged from seven to eleven years. The programme contained thirty two events including running, jumping, throwing, obstacle and novelty events. To prevent children from being subjected to undue strain, they were limited to competing in not more than two individual events and one team event.

The success of the meeting was due to the enthusiastic co-operation of a great number of teachers assisted by members of the W.A.A.A.

SECONDARY SCHOOLS

The Newport Secondary Schools Amateur Athletic Association, formed in 1953 held its first Annual Athletics Championships in 1954 and very gratifying results were obtained. Full support was given by the schools participating and the large number of entries and 'standards' gained augurs well for the future.

SUMMARY OF ENTRIES AND STANDARDS GAINED

Entries			Junior	Intermediate	Senior	Total
Girls	...	...	80	72	48	200
Boys	...	...	110	140	55	305
Total						505
Standards			Junior	Intermediate	Senior	Total
Girls	...	...	54	28	17	99
Boys	...	...	30	54	29	113
Total						212

The field events were well supported with the exception of the hurdles and pole vault events. This is understandable in view of the facilities available to the schools for training.

Girls and Boys from an increasing number of Secondary Schools entered the Monmouthshire and Welsh A.A.A. Championships where many gained places and standards.

BASKETBALL

The game of basketball is becoming increasingly popular in the Secondary Schools and it is hoped that following the provision of the necessary equipment, and courses both for boys and teachers in 1955 the game will achieve a status closer to that enjoyed by the longer established field games.

Such good progress in all branches of physical education is the result of the enthusiasm and hard work of a great number of people. We wish to express our appreciation for their co-operation.

M. DELHANTY.

R. H. DIAPER,

Organisers of Physical Education.

Provision of Meals.

The number of meals served to children in Newport Schools during the year was 869,620 compared with 861,501 during the previous year.

Mid-day meals were supplied in 31 canteens of which 16 were self-contained and 15 to which meals were delivered from other kitchens. Ten nursery classes also received meals.

During the year, a total of 2,769,136 one-third pint bottles of milk were consumed compared with 2,582,153 bottles during the previous year.

Co-operation of Parents.

Every encouragement is given to parents to be present at the examination of their children, and they respond well.

At the Periodic Medical Inspections the percentage attendance of parents was 94.6 in the case of entrants, 85.6 for the second age group, 31.5 for the third age group, 68.2 for other Periodic Inspections, and for all Periodic Inspections 74.8. These attendances are set out in tabular form below.

	No. of Boys Examined	No. of Parents Present	Per cent of Parents Present	No. of Girls Examined	No. of Parents Present	Per cent of Parents Present	Total Boys and Girls Examined	No. of Parents Present	Per cent of Parents Present
Entrants	902	849	94.1	827	788	95.2	1,729	1,637	94.6
Second Age Group...	849	712	83.8	836	731	87.4	1,685	1,443	85.6
Third Age Group ...	661	141	21.3	531	235	44.2	1,192	376	31.5
Total	2,412	1,702	70.5	2,194	1,754	79.9	4,606	3,456	75.0
Other Periodic Inspections	85	60	70.5	74	49	66.2	159	109	68.2
Grand Total	2,497	1,762	70.5	2,268	1,803	79.0	4,765	3,565	74.8

At the Clinic a parent attends in practically every case where there is any defect above the trivial.

Co-operation of Teachers, Education Welfare Officers, etc.

Thanks are due to the Teachers, Education Welfare Officers and the Inspectors of the National Society for the Prevention of Cruelty to Children, for the help that they continue to give.

The Newport Home Nursing Service made 3,216 visits to the homes of school children, and gave treatment for numerous conditions, including Pneumonia, Bronchitis, Rheumatism, Ear Conditions, Wounds, Abscesses, etc. As from 1st January, 1951, the Home Nursing Service was taken over by the Local Health Authority.

Handicapped Pupils.

The total number of pupils examined on Form 2 H.P. was 245 and was composed of the following:—

- 216—Education Subnormality.
- 13—Maladjustment.
- 11—Educational Subnormality and Maladjustment.
- 5—Epilepsy

245

A total of 463 examinations were made and they were carried out as follows:—

- 1—At the Child's Home.
- 10—At the Reception Centre.
- 305—At Schools.
- 147—At Clinic (individual appointments).

463

As there is no Child Guidance Clinic in Newport, 22 Maladjusted children were referred to the Psychiatrist at St. Cadoc's Hospital for examination and report, and 6 of these were recommended for admission to a Residential School for Maladjusted Children. My sincere thanks are due to Dr. King and the Medical Staff at St. Cadoc's Hospital for their valuable co-operation and help. It is hoped that in the year 1955, the Consultant Psychiatrist will be able to arrange this specialist clinic for school children at the School Clinic, instead of the children being referred to the Hospital.

During the year 6 children were notified to the Mental Health Committee under Section 57 (3) and 8 children under Section 57 (5) of the Education Act, 1944.

The alterations to St. John's School were completed during the year and the school is now equipped to take children from age 7—16 years. The total accommodation is for 160 children. A physical examination of all children attending St. John's School was carried out during the year.

The following table shows the number of cases recommended for treatment at Special Residential Schools:—

Category	Admitted before 1954	Admitted during 1954	Discharged in 1954	In at 31/12/54	Waiting Admission	Total
Blind	1	—	—	1	—	1
Partially Blind	3	1	1	3	1	4
Deaf	8	—	1	7	—	7
Partially Deaf	4	2	1	5	1	6
Delicate	47	47	56	38	8	46
Diabetic	—	1	—	1	—	1
Edu. Sub. Res. Schools ...	18	5	5	18	1	19
Edu. Sub. Day Schools ...	106	33	13	126	6	132
Epileptic	2	1	1	2	—	2
Maladjusted	16	7	4	19	4	23
Physically Handicapped	4	—	2	2	1	3
Speech	1	—	1	—	1	1
Total	210	97	85	222	23	245

Nursery Schools.

There are ten Nursery Schools with a total accommodation for 300 children. Responsibility for the medical examination was assumed by the School Health Service on 1st April, 1947.

During the year 425 children were examined at the Nursery Schools as a routine procedure. These children are normally examined four times in the course of a year and many of these children are re-examined. 272 re-examinations were made, making a total of 697 examinations.

The following table shows the Classification of the General Condition of the Children Inspected in the Nursery Schools:

No. of Children Inspected	A (Good)		B (Fair)		C (Poor)	
	No.	% of Column 1	No.	% of Column 1	No.	% of Column 1
(1)	(2)	(3)	(4)	(5)	(6)	(7)
425	183	43.0	242	56.9	—	—

Employment of Young Children and Young Persons.

Certificates under the provisions of the Byelaws regulating the employment were issued in respect of 253 children. Certificates were issued in respect of 9 children in connection with employment of children in entertainments.

Miscellaneous.

The Medical Officers at the Clinic have carried out on behalf of the Education Committee the examination of 68 candidates for service under their authority for superannuation purposes.

74 Teachers were examined and reported on as to their fitness for their duties, and 76 examinations of entrants to colleges.

163 examinations of children were carried out on behalf of the Children's Committee.

Tables follow which give the statistics of the year's work in the form required by the Ministry of Education, together with the heights and weights of pupils examined during the year. A table is also included which may prove of interest, as it shows an improvement in the height and weight of the younger age groups from 1915 to 1954.

I am grateful to the members of the Education Committee and to the Chief Education Officer and his staff for their continued co-operation. I should also like to thank all the members of my staff for their continued loyalty and support. Finally I should like to express my appreciation of the Specialist Services of the Regional Hospital Board and to thank the General Practitioners for their readiness at all times to collaborate with the School Health Service.

The School Clinic,
26 Clytha Park Road,
Newport, Mon.

February, 1955.

I am, Mr. Chairman, Ladies and Gentleman,

Your obedient Servant,

W. B. CLARK,
Principal School Medical Officer.

MEDICAL INSPECTION RETURNS

YEAR ENDED 31st DECEMBER, 1954.

TABLE I

Medical Inspection of Pupils attending Maintained Primary and Secondary Schools (including Special Schools).

A. Periodic Medical Inspections.

Number of Inspections in the Prescribed Groups:—

Entrants	...	...	...	...	1,729
Second Age Group	...	...	...	...	1,685
Third Age Group	...	...	...	...	1,192
Total	...	...	...	...	4,606

Number of other Periodic Inspections:—

				159
Grand Total	...	...	...	4,765

B. Other Inspections.

Number of Special Inspections	...	...	...	12,989
Number of Re-Inspections	...	...	...	3,637
Total	...	...	...	16,626

C. Pupils found to Require Treatment.

Number of Individual Pupils found at Periodic Medical Inspection to Require Treatment (excluding Dental Diseases and Infestation with Vermin):—

Group (1)	For defective vision (excluding squint) (2)	For any of the other conditions recorded in Table II _A (3)	Total individual pupils (4)
Entrants	14	402	415
Second Age Group	186	389	534
Third Age Group	178	195	347
Total (prescribed groups)...	378	986	1,296
Other Periodic Inspections ...	16	79	85
Grand Total	394	1,065	1,381

TABLE II

A. Return of Defects found by Medical Inspection in the Year ended 31st December, 1954.

Defect or Disease (1)	Periodic Inspections		Special Inspections	
	No. of Defects		No. of Defects	
	Requiring treatment (2)	Requiring to be kept under observation, but not requiring treatment (3)	Requiring treatment (4)	Requiring to be kept under observation, but not requiring treatment (5)
Skin	42	3	1,371	24
Eyes— <i>a</i> Vision	394	10	886	51
<i>b</i> Squint	131	2	281	7
<i>c</i> Other	27	2	188	1
Ears— <i>a</i> Defective Hearing... ..	63	9	88	135
<i>b</i> Otitis Media	30	13	81	39
<i>c</i> Other	28	3	272	21
Nose or Throat	131	248	1,052	497
Speech	59	10	231	70
Cervical Glands	6	—	25	5
Heart and Circulation	21	3	35	18
Lungs	75	15	112	67
Developmental—				
<i>a</i> Hernia	8	—	14	1
<i>b</i> Other	27	—	16	13
Orthopaedic—				
<i>a</i> Posture	22	3	24	11
<i>b</i> Flat Foot	75	14	187	37
<i>c</i> Other	202	15	528	99
Nervous System—				
<i>a</i> Epilepsy	12	2	15	7
<i>b</i> Other	46	10	55	28
Psychological—				
<i>a</i> Developmental	9	—	393	35
<i>b</i> Stability	—	—	37	1
Other	97	23	735	122

B. Classification of the General Condition of Pupils Inspected during the Year in the Age Groups.

Age Groups (1)	Number of Pupils Inspected (2)	A (Good)		B (Fair)		C (Poor)	
		No.	% of col. 2	No.	% of col. 2	No.	% of col. 2
Entrants	1,729	629	36.3	1,096	63.3	4	.2
Second Age Group	1,685	653	38.7	1,022	60.6	10	.5
Third Age Group	1,192	291	24.4	886	74.3	15	1.2
Other Periodic Inspections ..	159	8	5.0	143	89.9	8	5.0
Total	4,765	1,581	33.1	3,147	66.0	37	.7

TABLE III

INFESTATION WITH VERMIN

1. Total number of examinations in the schools by the School Nurses or other authorised persons 34,255
2. Total number of individual pupils found to be infested 1,076
3. Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944) 1,076
4. Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944) —

TABLE IV

TREATMENT OF PUPILS ATTENDING MAINTAINED PRIMARY AND SECONDARY SCHOOLS (INCLUDING SPECIAL SCHOOLS)

Group 1. Diseases of the Skin (excluding uncleanness for which see Table III).

										No. of cases treated or under treatment during the year.		
										By the Authority	Otherwise	
Ringworm (1) Scalp	...	...	...	...	...	...	...	...	...	—	...	2
(2) Body	...	...	...	...	...	...	...	...	...	4	...	1
Scabies	...	...	...	...	...	...	...	...	...	14	...	—
Impetigo	...	...	...	...	...	...	...	...	...	50	...	2
Other skin diseases	...	...	...	...	...	...	...	...	...	711	...	65
Total										779	...	70

Group 2. Eye Diseases, Defective Vision and Squint.

										No. of cases dealt with		
										By the Authority	Otherwise	
External and other, excluding errors of refraction and squint	...	...	...	...	...	...	...	...	...	198	...	17
Errors of Refraction (including Squint)	...	...	...	...	...	...	...	...	...	1,434*	...	86
Total										1,632	...	103
No. of Pupils for whom spectacles were—												
(a) Prescribed	...	...	...	...	...	...	...	...	...	1,100*†	...	86
(b) Obtained	...	...	...	...	...	...	...	...	...	926*†	...	86

*Including cases dealt with under arrangements with the Supplementary Ophthalmic Service.

†Includes 200 pupils who were examined and found to be wearing satisfactory spectacles.

Group 3. Diseases and Defects of Ear, Nose and Throat.

3. Diseases and Defects of Ear, Nose and Throat.										No of cases treated.						
										By the Authority		Otherwise				
Received operative treatment—																
(a)	For diseases of the Ear	...	...	...	...	...	...	—	...	...	69					
(b)	For Adenoids and Chronic Tonsillitis	...	...	...	...	...	...	—	...	...	657					
(c)	For other Nose and Throat conditions	...	...	...	...	...	...	—	...	...	—					
Received other forms of treatment		...	...	...	...	...	...	503	...	...	59					
Total										...	...	...	503	...	...	785

Group 4. Orthopaedic and Postural Defects.

(a) Number treated as in-patients in Hospitals	...	...	...	...	...	...	...	...	...	11		
										By the Authority	Otherwise	
(b) Number treated otherwise, e.g. in Clinics or out-patients depts.	...	...	...	...	...	...	...	...	...	—	...	468

Group 5. Child Guidance Treatment.

										No. of Cases treated.		
										In Authority's Child Guidance Clinics	Elsewhere	
No. of Pupils treated at Child Guidance Clinics	...	...	...	...	...	...	...	...	...	—	...	—

Group 6. Speech Therapy.

										No of cases treated.		
										By the Authority	Otherwise	
No. of Pupils treated by Speech Therapist	...	...	...	...	...	...	...	...	...	231	...	—

Group 7. Other Treatment Given.

										No of cases treated.		
										By the Authority	Otherwise	
(a) Miscellaneous minor ailments	...	...	...	...	...	...	...	...	...	566	...	—
(b) Other than (a) above (specify)*	...	...	...	...	...	...	...	...	...	—	...	198
1. Surgical	...	...	...	...	...	...	...	...	...	—	...	110
2. Medical	...	...	...	...	...	...	...	...	...	—	...	—
Total										566	...	308

*Particulars supplied by local hospitals through arrangements made with the Newport and East Monmouthshire Hospitals Management Committee.

TABLE V

DENTAL INSPECTION AND TREATMENT

(1)	Number of pupils inspected by Authority's Dental Officers—							
	(a) Periodic age groups	...	...	...	...	...	...	13,303
	(b) Specials	...	...	...	...	...	...	3,510
				Total (1)	...	...	...	16,813
(2)	Number found to require treatment							
(3)	Number referred for treatment							
(4)	Number actually treated							
(5)	Attendances made by pupils for treatment							
(6)	Half-days devoted to—							
	(a) Inspection	...	...	...	...	...	...	69
	(b) Treatment	...	...	...	...	...	...	1,565
				Total (6)	...	...	...	1,634
(7)	Fillings—							
	Permanent Teeth	...	...	...	...	...	...	4,158
	Temporary Teeth	...	...	...	...	...	...	26
				Total (7)	...	...	...	4,184
(8)	Number of Teeth Filled—							
	Permanent Teeth	...	...	...	...	...	...	3,685
	Temporary Teeth	...	...	...	...	...	...	26
				Total (8)	...	...	...	3,711
(9)	Extractions—							
	Permanent Teeth	...	...	...	...	...	...	2,103
	Temporary Teeth	...	...	...	...	...	...	9,617
				Total (9)	...	...	...	11,720
(10)	Administration of general anaesthetics for extraction							
(11)	Other Operations—							
	(a) Permanent Teeth	...	...	...	...	...	...	1,215
	(b) Temporary Teeth	...	...	...	...	...	...	735
				Total (11)	...	...	...	1,950

Heights and Weights of Routine Examined Children in 1954.

Boys.—Heights in inches, Weights in lbs.

Age	Nursery Schools			Primary Schools			Secondary Schools			Special Day Schools		
	No. Taken	Average Height	Average Weight	No. Taken	Average Height	Average Weight	No. Taken	Average Height	Average Weight	No. Taken	Average Height	Average Weight
2	14	36.3	34.5	...	...	...	...	...	...	...	...	...
3	96	38.3	35.8	...	...	...	...	...	...	...	...	...
4	108	40.1	39.3	108	42.2	42.2	...	...	...	...	...	...
5	...	...	...	648	43.5	43.3	...	...	...	...	...	...
6	...	...	...	95	45.3	47.5	...	...	...	...	...	...
7	...	...	...	42	47.4	52.3	...	...	...	4	43.1	41.2
8	...	...	...	7	50.5	62.1	...	...	...	10	48.9	55.3
9	...	...	...	2	52.3	67.7	...	...	...	11	50.8	60.7
10	...	...	...	698	53.7	72.1	...	...	...	17	54.0	69.9
11	...	...	...	93	54.9	76.5	30	55.2	77.8	11	55.4	76.7
12	...	...	...	...	...	...	20	57.0	87.1	7	55.0	72.3
13	...	...	...	...	...	...	8	58.9	95.9	11	58.1	98.1
14	...	...	...	...	...	...	430	62.1	110.0	9	61.9	105.6
15	...	...	...	...	...	...	139	64.5	124.0	5	61.3	99.4
16	...	...	...	...	...	...	36	67.0	133.1	...	...	...
17	...	...	...	...	...	...	29	68.4	143.2	...	...	...
18	...	...	...	...	...	...	24	68.7	143.6	...	...	...
19	...	...	...	...	...	...	3	67.3	138.6	...	...	...

Girls.—Heights in inches, Weights in lbs.

Age	Nursery Schools			Primary Schools			Secondary Schools			Special Day Schools		
	No. Taken	Average Height	Average Weight	No. Taken	Average Height	Average Weight	No. Taken	Average Height	Average Weight	No. Taken	Average Height	Average Weight
2	12	35.1	30.4	...	...	...	...	...	...	...	...	...
3	113	37.7	34.1	...	...	...	...	...	...	...	...	...
4	82	39.8	38.0	91	41.5	39.6	...	...	...	...	...	...
5	...	...	...	573	42.6	42.0	...	...	...	...	...	...
6	...	...	...	129	45.1	46.8	...	...	...	...	...	...
7	...	...	...	27	47.4	54.3	...	...	...	4	47.1	48.1
8	...	...	...	6	48.8	56.5	...	...	...	9	50.3	57.4
9	...	...	...	1	58.2	105.	...	...	...	8	51.5	64.6
10	...	...	...	682	53.6	71.7	...	...	...	13	52.6	61.3
11	...	...	...	74	54.8	77.2	37	56.4	82.2	11	54.5	71.9
12	...	...	...	...	...	...	29	58.8	91.7	11	55.0	76.7
13	...	...	...	...	...	...	14	58.5	94.6	7	58.0	84.0
14	...	...	...	...	...	...	332	61.5	109.5	6	59.8	87.7
15	...	...	...	...	...	...	125	62.1	114.8	5	59.6	97.9
16	...	...	...	...	...	...	42	62.9	119.4	...	...	...
17	...	...	...	...	...	...	25	63.3	124.7	...	...	...
18	...	...	...	...	...	...	6	62.9	123.8	...	...	...
19	...	...	...	...	...	...	1	63.3	111.1	...	...	...

Heights in inches. Weights in lbs.

Year	BOYS						GIRLS					
	Age 5			Age 6			Age 5			Age 6		
	No. Taken	Average Height	Average Weight	No. Taken	Average Height	Average Weight	No. Taken	Average Height	Average Weight	No. Taken	Average Height	Average Weight
1915	644	40 $\frac{3}{4}$	38.0	337	42 $\frac{1}{4}$	41.0	621	40 $\frac{3}{4}$	38 $\frac{1}{4}$	336	42 $\frac{1}{4}$	40 $\frac{1}{2}$
1923	521	41.0	40.0	156	42.6	43.4	511	40.6	38.4	128	42.7	42.0
1924	653	41.3	40.5	119	43.2	42.2	545	41.5	38.2	99	43.8	42.9
1925	865	41.4	39.6	66	42.8	41.8	811	40.9	37.8	72	43.0	41.8
1926	809	41.4	40.0	153	43.4	43.3	746	41.1	38.9	139	43.4	42.0
1927	790	41.4	40.0	168	43.2	43.7	725	41.1	38.9	188	43.0	42.2
1928	782	41.5	40.2	112	43.5	43.5	687	41.1	38.5	124	43.1	42.2
1929	699	41.6	40.4	122	43.1	42.9	675	41.2	39.1	157	43.2	41.1
1930	692	41.4	40.7	112	42.1	43.7	613	41.2	39.3	112	43.3	42.4
1931	627	41.8	40.4	244	43.8	44.2	591	41.4	38.7	205	43.1	41.3
1932	513	41.4	40.2	69	43.3	44.6	542	41.1	38.9	89	43.2	42.6
1933	566	42.0	40.7	148	43.6	44.0	498	41.7	39.3	175	43.0	41.3
1934	565	41.8	41.1	121	43.8	44.2	561	41.6	39.3	106	43.4	42.2
1935	690	42.1	41.1	150	43.7	43.5	680	41.8	39.6	157	43.8	42.9
1936	684	42.0	40.8	104	43.8	44.2	592	41.7	39.4	137	43.5	42.0
1937	616	42.3	40.9	119	44.5	44.6	576	41.7	38.5	117	44.4	44.4
1938	569	42.6	41.3	82	44.6	45.3	547	42.3	39.8	97	44.2	43.3
1939	427	42.5	41.5	93	44.7	45.5	399	42.4	40.4	102	44.4	43.7
1940	387	42.7	41.8	62	45.3	46.6	353	42.2	40.2	50	44.6	44.6
1941	564	42.6	41.8	109	44.4	44.8	505	42.3	40.4	96	44.6	44.2
1942	603	42.5	42.0	116	44.1	45.3	522	42.2	40.4	105	44.0	43.7
1943	567	42.5	42.4	228	44.2	45.3	491	42.4	41.1	195	44.0	44.0
1944	651	42.5	42.2	194	44.4	46.4	557	42.2	41.3	195	44.0	44.6
1945	547	42.7	42.4	58	44.5	45.7	490	42.3	40.7	61	44.5	44.4
1946	447	42.4	41.9	86	45.4	46.2	447	42.3	40.6	92	44.6	45.3
1947	528	42.4	42.3	58	45.1	46.7	483	42.1	40.8	90	43.8	44.1
1948	635	42.7	42.6	105	44.7	46.4	561	42.5	41.4	107	43.7	43.5
1949	681	42.7	44.6	92	44.1	47.0	598	42.5	42.0	89	44.0	48.8
1950	471	43.1	43.7	43	45.1	47.5	496	42.9	42.0	37	44.8	45.3
1951	640	43.0	43.3	127	44.4	46.6	570	42.9	42.2	122	44.9	46.8
1952	738	43.0	43.3	116	44.9	47.3	742	42.7	42.4	105	45.1	46.4
1953	816	43.1	43.2	183	45.2	47.3	747	42.9	41.8	182	44.7	45.5
1954	648	43.5	43.3	95	45.3	47.5	573	42.6	42.0	129	45.1	46.8

